

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

*Diluted - this is called - STAB Brite Glass Cleaner*

Required under USOL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Rand Chemical Corporation</b>		EMERGENCY TELEPHONE NO. <b>616-739-7793</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>P.O. Box 753, Muskegon, Michigan 49443</b>		
CHEMICAL NAME AND SYNONYMS <b>Glass Cleaner Concentrate</b>		TRADE NAME AND SYNONYMS <b>RAND-CLEER SUPER</b>
CHEMICAL FAMILY <b>Aqueous Solution</b>	FORMULA <b>Formulated Product</b>	

*THIS IS DILUTED 40-70-1 WATER 1-2 PART CONCENTRATE*

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS <b>Isopropanol</b>	<b>&lt; 20</b>	<b>400</b>	FILLER METAL PLUS COATING OR COPE FLUX		
ADDITIVES			OTHERS		
OTHERS <b>Propylene glycol mono methyl ether</b>				<b>&lt; 10</b>	<b>100</b>
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<b>None</b>					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>0.98</b>
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	<b>&gt; 97.0</b>
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (Water = 1)	<b>&lt; 1.0</b>
SOLUBILITY IN WATER	<b>Complete</b>		
APPEARANCE AND ODOR <b>Clear blue liquid; slight solvent odor.</b>			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES <b>None</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

Copy  
City  
COP  
Mach Maint

grounds  
Elec

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Irritation of eyes. In some extreme cases, nausea.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: flush with flowing water immediately and continuously for 15 minutes. Get medical aid. Skin: wash off with plenty of water. Inhalation: remove to fresh air if effects occur. Get medical aid. Ingestion: induce vomiting if recommended by physician.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Add absorbent. Remove with shovel.

WASTE DISPOSAL METHOD

Burn in accordance with local laws.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Do not breathe vapors for prolonged or repeated periods.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

General good housekeeping and care.

Keep container closed when not in use to prevent evaporation.

OTHER PRECAUTIONS

Do not take internally. Avoid contact with eyes. Keep away from heat, spark or flame. Keep out of reach of children and incompetent persons.